REFERENCE OF TENDER	DESCRIPTION OF TENDER	TIME PERIOD OF TENDER	DEPARTMENT/ DIVISION/UNIT REQUESTING TENDER	FEES	CLOSING DATE NOT LATER THAN 2.00PM	FOCAL PERSON
KK/166/2024/DSS	TO SUPPLY, DELIVER, INSTALL, TEST AND COMMISSION THREE(3) UNITS OF LIQUID CHROMATOGRAPHY WITH TANDEM MASS SPECTROMETRY (LCMSMS) FOR ILLICIT DRUGS SECTION AND TOXICOLOGY SECTION, DEPARTMENT OF SCIENTIFIC SERVICES, MINISTRY OF HEALTH	-	DEPARTMENT OF SCIENTIFIC SERVICES	$500.00	27TH AUG 2024	*Pg Helmy bin Pg Haji Rabaha* *illicit Drugs Section* *Department of Scientific Services* *Ministry of Health* *Negara Brunei Darussalam* *Contact No: 2384213 Fax: 2381946* *email:* *helmy.rabaha@moh.gov.bn*

NOMBOR TAWARAN: KK/166/2024/DSS

KEMENTERIAN KESIHATAN
NEGARA BRUNEI DARUSSALAM

TO SUPPLY, DELIVER, INSTALL, TEST AND COMMISSION THREE(3) UNITS OF LIQUID CHROMATOGRAPHY WITH TANDEM MASS SPECTROMETRY (LCMSMS) FOR ILLICIT DRUGS SECTION AND TOXICOLOGY SECTION, DEPARTMENT OF SCIENTIFIC SERVICES, MINISTRY OF HEALTH

YURAN TAWARAN: $500.00

NOMBOR RESIT :

TARIKH TUTUP : HARI SELASA, 27HB OGOS 2024

JAM : 2.00 PETANG

KEPADA :

PENGERUSI LEMBAGA TAWARAN KECIL
PETI TAWARAN, TINGKAT BAWAH
BANGUNAN KEMENTERIAN KESIHATAN
COMMONWEALTH DRIVE
BANDAR SERI BEGAWAN BB 3910
NEGARA BRUNEI DARUSSALAM

(CLUSTERING)

SECTION 2

SPECIFICATIONS AND REQUIREMENTS

TENDER REFERENCE NO: KK/166/2024/DSS

INVITATION TO TENDER

TO SUPPLY, DELIVER, INSTALL, TEST AND COMMISSION THREE (3) UNITS OF LIQUID CHROMATOGRAPHY WITH TANDEM MASS SPECTROMETRY (LCMSMS) FOR ILLICIT DRUGS SECTION AND TOXICOLOGY SECTION, DEPARTMENT OF SCIENTIFIC SERVICES, MINISTRY OF HEALTH

NAME OF ITEM	LIQUID CHROMATOGRAPHY WITH TANDEM MASS SPECTROMETRY (LCMSMS)

NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS
1.0	**GENERAL**
1.1	Tenderer is to supply **three (3) units** of Liquid Chromatography with Tandem Mass Spectrometry (LCMSMS) systems each comprising of: a. A solvent delivery system b. Auto sampler with thermostat c. Column manager d. Mass Spectrometry detector e. Gas generator f. Vacuum pump g. Data acquisition and management system.
1.2	All of the technical specification listed below offered by tenderer should be provided with hard copy of brochures, application or technical notes to be submitted together for tender evaluation.
1.3	The system shall be configured for the qualitative and / or quantitative analysis of controlled drugs in seized materials and biological specimens.
1.4	Installation will be two (2) units for Illicit Drugs Section and one (1) unit for Toxicology Section.
2.0	**SOLVENT DELIVERY SYSTEM**
2.1	Hydraulic system: Two dual pistons in series pump with servo-controlled variable stroke design and smooth motion control for active damping.
2.2	Pump resolution step size: 300 pL
2.3	Flow range: Settable: 0.001 – 5 mL/min, in 0.001 mL/min increments.
2.4	Flow precision: ≤0.07 % RSD or 0.01 min SD.
2.5	Flow accuracy: ±1 % or ±10 µL/min.
2.6	Pressure operating range: Up to 130 MPa (1300 bar) at 0 – 2 mL/min ramping down to 80 MPa (800 bar) at 5 mL/min
2.7	Pressure pulsation: <1 % amplitude or <0.5 MPa (5 bar).
2.8	Composition precision: <0.15 % RSD or 0.01 min SD, whichever is greater
2.9	Integrated degassing unit with 2 channels

NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS
2.10	Equipped with automatic purge valve
2.11	Equipped with active seal wash
3.0	**AUTO SAMPLER WITH THERMOSTAT**
3.1	Injection range: 0.1 – 20 µL in 0.1 µL increments
3.2	Injection precision: <0.15 % RSD or SD <10 nL.
3.3	Injection linearity: 0.9999 in the range of 0.1 – 100 µL
3.4	Sample capacity: Can hold between 320 – 432 pieces of 2 mL vials trays.
3.5	Carry over: <0.003 % (30 ppm) on Multisampler Standard and Dual Needle. <0.0009 % (9 ppm) on Multisampler Multiwash.
3.6	Multiwash: Outer needle wash and seat backflush for carryover reduction with up to 3 different solvents
3.7	Sample thermostat temperature range and settings : 4 – 40 °C in 1 ° increments.
3.8	Temperature accuracy: 2 – 6 °C at a setpoint of 4 °C
4.0	**COLUMN MANAGER**
4.1	Operating principle: a. Dual, independent Peltier-element thermostatted column compartment. b. Solvent pre-heating and still-air operation for reduction of chromatographic band-broadening under UHPLC-conditions. c. Up to three devices can be clustered and controlled by a single user interface for additional flexibility.
4.2	Temperature range: 4 °C to 110 °C, (minimum 20 °C below ambient)
4.3	Temperature stability: ±0.03 °C
4.4	Temperature accuracy: ±0.5 °C
4.5	Temperature precision: 0.05 °C
4.6	Heat-up/cool-down time: a. 5 min from ambient to 40 °C, b. 10 min from 40 °C to 20 °C, c. < 30 min from 25 °C to 100 °C
4.7	Column capacity: up to 8 columns in single hardware.
5.0	**MASS SPECTROMETRY DETECTOR**
5.1	IDL Positive Ion: IDL<3.5 fg
5.2	IDL Negative Ion: IDL<4 fg
5.3	S/N Positive Ion: S/N>850,000:1
5.4	S/N Negative Ion: S/N>850,000:1
5.5	Mass Range: m/z 5 to 3,000
5.6	Mass Scan Rate: 18,700 Da/Sec

NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS
5.7	Mass Resolution (FWHM): Narrow: 0.4 Da (m/z 5 to 1,500), Unit: 0.7 Da, Wide: 1.2 Da, Widest: 2.5 Da
5.8	Mass Accuracy: ±0.1 Da from m/z 5 to 1,000, ±0.2 Da from m/z 1,000 to 2,000, ±03 Da from m/z 2,000 to 3,000.
5.9	Mass Stability: <0.1 Da in 24 hrs
5.10	Mass Acquisition Rate: 500 MRM/s
5.11	MRM Minimum Dwell Time: 0.5 ms
5.12	Maximum MRM Transitions: 33,000 MRM/method, 500 MRM/segment
5.13	Maximum Dynamic MRM Transitions (dMRM): 4000 dMRM/method
5.14	Maximum Triggered MRM Transitions (tMRM): 10 tMRM/compound (primary and secondary) for product ion confirmation and library search
5.15	Maximum Concurrent dMRM/tMRM Transitions: 500 concurrent transitions
5.16	Detector Dynamic Range: >6 x 10^6, six-orders of linear dynamic range
5.17	Detector High Energy Dynode Modes: Standard: -10 kV and +18 kV, Large molecule: -20 kV
5.18	Detector Gain Adjustment: 0.1x to 10x
5.19	Polarity Switching Time (electronics): <25ms
5.20	Collision Cell Clearance Time: <1 ms
6.0	**GAS GENERATOR**
6.1	Vendor to supply required and recommended gas generator(s) for each sets of LCMSMS systems independently.
7.0	**VACUUM PUMP**
7.1	Vendor to supply required and recommended vacuum pump for each sets of LCMSMS systems independently.
8.0	**CONSUMABLES**
8.1	6000 pieces of 2 mL clear screw vial with screw caps and PTFE/silicone/PTFE septa.
8.2	Vendor to provide the following: a. 6 units of recommended analytical columns (preferable C18) for the analysis of drugs in seized materials. b. 3 units of recommended analytical columns (preferable C18) for the analysis of drugs in biological specimen. c. Supporting application notes / method if available.
9.0	**DATA MANAGEMENT AND ACQUISITION SYSTEM**
9.1	Data management and acquisition system for each LCMSMS instrument system must be supplied for the control of each of the complete system as well as allowing users for the recording and reviewing of the analysis data.
9.2	Each system must be able to conduct automated diagnostics, checks, continuous maintenance monitoring, generate alert and display notifications.
9.3	Each system sholud include: • One (1) unit of Desktop PC with specifications following equipment manufacturer's recommendations as well as user's recomendations.

NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS
	• Latest compatible processor for use with the software • At least 27" monitor • Standard keyboard and mouse • Genuine latest Microsoft Windows software compatible for use with the system's software • Genuine latest Microsoft Office Software which should include Word, Excel and Powerpoint • One (1) unit of Colour Laserjet printer • Three (3) toner catridges for each colour (staggered delivery; upon request over the warranty period) • One (1) unit of at least 1TB external USB SSD (with password protection).
9.4	Three (3) units of tablet / laptop must also be supplied with specification in compliance to process analytical instrumental data inclusive of genuine Microsoft office, mouse, stylus pen and keyboard.
9.5	Vendor to provide Forensic Toxicology developed method and database on drug analysis for each LCMSMS system.
10.0	**UNINTERRUPTED POWER SUPPLY (UPS)**
10.1	One (1) UPS for each LCMSMS instrument with suitable power supply rating must also be provided and connected to each of the instrument system and workstation.
11.0	**TRAINING**
11.1	On-site training for ALL staff members expected to handle the machine. Please ensure that adequate time is allocated such that training will take place in small groups to minimize staff shortage in the laboratory.
11.2	Certificate of competence is to be issued to all trainees after completion of training.
11.3	The successful tenderer needs to ensure the key users are updated on the current or relevant information related to the system used. To provide: • **TWO** (2) packs of off-site professional development in analysis of **drugs in seized materials** for **TWO** (2) key users per pack and • **TWO** (2) packs of off-site professional development in analysis of **drugs in biological specimens** for **TWO** (2) key users per pack. All expenses for attending the benchwork training shall be borne by the vendor; full registration, air ticket, daily allowance, accommodation, transport to and from the airport and place of training.
12.0	**WARRANTY**
12.1	A minimum of one (1) year warranty for manufacturer's defect on the hardware, software and all cost of repairs and/or replacements should be included.
12.2	After-sales services must be provided for the product after one (1) year
12.3	One-off preventive maintenance to be carried out just before or soon after the one-year warranty period. Scope of work to follow manufacturer's manual / recommendation specific for the equipment offered, which include: • Supply, delivery and installation of preventive maintenance kits and/or consumables • Software update (to obtain prior authorization from user and BME) • Inspection • cleaning • alignment • calibration • any other related preventive maintenance works required
13.0	**DELIVERY** Items offered **MUST be delivered within** _____ from date of approval. (Vendor to indicate the delivery period.)

NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS
14.0	**PRICE VALIDITY** Price validity MUST NOT BE LESS THAN twelve (12) months.
15.0	**SITE PREPARATIONS**
15.1	It is **MANDATORY** for the tenderer to do site visit prior to tender submission to discuss site requirements. Non-attendance will be considered as non-compliance.
15.2	Tenderer shall ensure that the site preparation for the placement of the system taking into the consideration on the safety of the end user during the operation of the instrument.
15.3	The site preparation needed for the successful installation and operation of the system should include if required, but not limited to: a. Electrical systems including additional electrical supply including wiring, outlets and isolators b. Gas piping system & gas regulators c. Workbench (supply / fabrication & installation for space and weight compatiblity). d. Any other deemed necessary to ensure successful and safe installation and operation of the system should be included.
15.4	The site preparation details should be listed out in the quotation/document submitted.

NO.	GENERAL SPECIFICATIONS
A	Total Price: B$
B	Delivery Period:
C	Model & Brand:
D	Country of Origin:
E	Where marketed:
F	Year of Manufacture:
G	Warranty:
H	Power Requirement:
I	Battery Back-up:
J	International Safety Standard:
K	Technical Support:
L	Equipment Whole Life Support:
M	Dimensions (WxHxD) cm:
N	User Manuals:
O	Service Manuals:
P	Spare-parts & Consumables Listing:
Q	Technical Training On-Site:
R	Site Requirements:

*To all participating companies, please fill in the table above along with your other documents during submission of tender.

Bahagian/Unit	*ILLICIT DRUGS SECTION*	
Bil. Rujukan Bahagian/Unit:	ILD/PROC/A250K/2408	
Pegawai di rujuk	Nama: PG MOHD HELMY BIN PG HAJI RABAHA	
	E-mail: HELMY.RABAHA@MOH.GOV.BN	
	Tel. No.: 2384213	Fax No.: 2381946

SECTION 3

TENDER FORM

To:

TENDER REFERENCE NO: KK/166/2024/DSS

INVITATION TO TENDER

TO SUPPLY, DELIVER, INSTALL, TEST AND COMMISSION THREE (3) UNITS OF LIQUID CHROMATOGRAPHY WITH TANDEM MASS SPECTROMETRY (LCMSMS) FOR ILLICIT DRUGS SECTION AND TOXICOLOGY SECTION, DEPARTMENT OF SCIENTIFIC SERVICES, MINISTRY OF HEALTH

TENDER OF *(name of tenderer)* *:* _____

Company/Business Registration No. : _____

Tender Closing Date : _____

NAME OF ITEM	

NO.	**ITEM DESCRIPTIONS AND SPECIFICATIONS**	**VENDOR'S OFFER**			
		COMPLY (Please tick √) (Provide evidence for compliance(s))		**ITEM DESCRIPTIONS AND SPECIFICATIONS**	**PRICE ($)**
		YES	**NO**		
1.0	**GENERAL**				
1.1	Tenderer is to supply **three (3) units** of Liquid Chromatography with Tandem Mass Spectrometry (LCMSMS) systems each				

NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS	VENDOR'S OFFER			
		COMPLY (Please tick √) (Provide evidence for compliance(s))		ITEM DESCRIPTIONS AND SPECIFICATIONS	PRICE ($)
		YES	NO		
	comprising of: a. A solvent delivery system b. Auto sampler with thermostat c. Column manager d. Mass Spectrometry detector e. Gas generator f. Vacuum pump g. Data acquisition and management system.				
1.2	All of the technical specification listed below offered by tenderer should be provided with hard copy of brochures, application or technical notes to be submitted together for tender evaluation.				
1.3	The system shall be configured for the qualitative and / or quantitative analysis of controlled drugs in seized materials and biological specimens.				
1.4	Installation will be two (2) units for Illicit Drugs Section and one (1) unit for Toxicology Section.				
2.0	**SOLVENT DELIVERY SYSTEM**				
2.1	Hydraulic system: Two dual pistons in series pump with servo-controlled variable stroke design and smooth motion control for active damping.				
2.2	Pump resolution step size: 300 pL				
2.3	Flow range: Settable: 0.001 – 5 mL/min, in 0.001 mL/min increments.				
2.4	Flow precision: ≤0.07 % RSD or 0.01 min SD.				
2.5	Flow accuracy: ±1 % or ±10 µL/min.				

NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS	VENDOR'S OFFER			
		COMPLY (Please tick √) (Provide evidence for compliance(s))		ITEM DESCRIPTIONS AND SPECIFICATIONS	PRICE ($)
		YES	NO		
2.6	Pressure operating range: Up to 130 MPa (1300 bar) at 0 – 2 mL/min ramping down to 80 MPa (800 bar) at 5 mL/min				
2.7	Pressure pulsation: <1 % amplitude or <0.5 MPa (5 bar).				
2.8	Composition precision: <0.15 % RSD or 0.01 min SD, whichever is greater				
2.9	Integrated degassing unit with 2 channels				
2.10	Equipped with automatic purge valve				
2.11	Equipped with active seal wash				
3.0	**AUTO SAMPLER WITH THERMOSTAT**				
3.1	Injection range: 0.1 – 20 µL in 0.1 µL increments				
3.2	Injection precision: <0.15 % RSD or SD <10 nL.				
3.3	Injection linearity: 0.9999 in the range of 0.1 – 100 µL				
3.4	Sample capacity: Can hold between 320 – 432 pieces of 2 mL vials trays.				
3.5	Carry over: <0.003 % (30 ppm) on Multisampler Standard and Dual Needle. <0.0009 % (9 ppm) on Multisampler Multiwash.				
3.6	Multiwash: Outer needle wash and seat backflush for carryover reduction with up to 3 different solvents				
3.7	Sample thermostat temperature range and settings: 4 – 40 °C in 1 ° increments.				
3.8	Temperature accuracy: 2 – 6 °C at a setpoint of 4 °C				

NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS	VENDOR'S OFFER			
		COMPLY (Please tick √) (Provide evidence for compliance(s))		ITEM DESCRIPTIONS AND SPECIFICATIONS	PRICE ($)
		YES	NO		
4.0	**COLUMN MANAGER**				
4.1	Operating principle: a. Dual, independent Peltier-element thermostatted column compartment. b. Solvent pre-heating and still-air operation for reduction of chromatographic band-broadening under UHPLC-conditions. c. Up to three devices can be clustered and controlled by a single user interface for additional flexibility.				
4.2	Temperature range: 4 °C to 110 °C, (minimum 20 °C below ambient)				
4.3	Temperature stability: ±0.03 °C				
4.4	Temperature accuracy: ±0.5 °C				
4.5	Temperature precision: 0.05 °C				
4.6	Heat-up/cool-down time: a. 5 min from ambient to 40 °C, b. 10 min from 40 °C to 20 °C, c. < 30 min from 25 °C to 100 °C				
4.7	Column capacity: up to 8 columns in single hardware.				
5.0	**MASS SPECTROMETRY DETECTOR**				
5.1	IDL Positive Ion: IDL<3.5 fg				
5.2	IDL Negative Ion: IDL<4 fg				

NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS	VENDOR'S OFFER			
		COMPLY (Please tick √) (Provide evidence for compliance(s))		ITEM DESCRIPTIONS AND SPECIFICATIONS	PRICE ($)
		YES	NO		
5.3	S/N Positive Ion: S/N>850,000:1				
5.4	S/N Negative Ion: S/N>850,000:1				
5.5	Mass Range: m/z 5 to 3,000				
5.6	Mass Scan Rate: 18,700 Da/Sec				
5.7	Mass Resolution (FWHM): Narrow: 0.4 Da (m/z 5 to 1,500), Unit: 0.7 Da, Wide: 1.2 Da, Widest: 2.5 Da				
5.8	Mass Accuracy: ±0.1 Da from m/z 5 to 1,000, ±0.2 Da from m/z 1,000 to 2,000, ±03 Da from m/z 2,000 to 3,000.				
5.9	Mass Stability: <0.1 Da in 24 hrs				
5.10	Mass Acquisition Rate: 500 MRM/s				
5.11	MRM Minimum Dwell Time: 0.5 ms				
5.12	Maximum MRM Transitions: 33,000 MRM/method, 500 MRM/segment				
5.13	Maximum Dynamic MRM Transitions (dMRM): 4000 dMRM/method				
5.14	Maximum Triggered MRM Transitions (tMRM): 10 tMRM/compound (primary and secondary) for product ion confirmation and library search				
5.15	Maximum Concurrent dMRM/tMRM Transitions: 500 concurrent transitions				
5.16	Detector Dynamic Range: >6 x 10^6, six-orders of linear dynamic range				

NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS	VENDOR'S OFFER			
		COMPLY (Please tick √) (Provide evidence for compliance(s))		ITEM DESCRIPTIONS AND SPECIFICATIONS	PRICE ($)
		YES	NO		
5.17	Detector High Energy Dynode Modes: Standard: -10 kV and +18 kV, Large molecule: -20 kV				
5.18	Detector Gain Adjustment: 0.1x to 10x				
5.19	Polarity Switching Time (electronics): <25ms				
5.20	Collision Cell Clearance Time: <1 ms				
6.0	**GAS GENERATOR**				
6.1	Vendor to supply required and recommended gas generator(s) for each set of LCMSMS systems independently.				
7.0	**VACUUM PUMP**				
7.1	Vendor to supply required and recommended vacuum pump for each set of LCMSMS systems independently.				
8.0	**CONSUMABLES**				
8.1	6000 pieces of 2 mL clear screw vial with screw caps and PTFE/silicone/PTFE septa.				
8.2	Vendor to provide the following: a. 6 units of recommended analytical columns (preferable C18) for the analysis of drugs in seized materials. b. 3 units of recommended analytical columns (preferable C18) for the analysis of drugs in biological specimen. c. Supporting application notes / method if available.				
9.0	**DATA MANAGEMENT AND ACQUISITION SYSTEM**				
9.1	Data management and acquisition system for each LCMSMS instrument system must be supplied for the control of each of				

NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS	VENDOR'S OFFER			
		COMPLY (Please tick √) (Provide evidence for compliance(s))		ITEM DESCRIPTIONS AND SPECIFICATIONS	PRICE ($)
		YES	NO		
	the complete system as well as allowing users for the recording and reviewing of the analysis data.				
9.2	Each system must be able to conduct automated diagnostics, checks, continuous maintenance monitoring, generate alert and display notifications.				
9.3	Each system sholud include: • One (1) unit of Desktop PC with specifications following equipment manufacturer's recommendations as well as user's recomendations. • Latest compatible processor for use with the software • At least 27" monitor • Standard keyboard and mouse • Genuine latest Microsoft Windows software compatible for use with the system's software • Genuine latest Microsoft Office Software which should include Word, Excel and Powerpoint • One (1) unit of Colour Laserjet printer • Three (3) toner catridges for each colour (staggered delivery; upon request over the warranty period) • One (1) unit of at least 1TB external USB SSD (with password protection).				
9.4	Three (3) units of tablet / laptop must also be supplied with specification in compliance to process analytical instrumental data inclusive of genuine Microsoft office, mouse, stylus pen and keyboard.				
9.5	Vendor to provide Forensic Toxicology developed method and database on drug analysis for each LCMSMS system.				
10.0	**<u>UNINTERRUPTED POWER SUPPLY (UPS)</u>**				

NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS	VENDOR'S OFFER			
		COMPLY (Please tick √) (Provide evidence for compliance(s))		ITEM DESCRIPTIONS AND SPECIFICATIONS	PRICE ($)
		YES	NO		
10.1	One (1) UPS for each LCMSMS instrument with suitable power supply rating must also be provided and connected to each of the instrument system and workstation.				
11.0	**<u>TRAINING</u>**				
11.1	On-site training for ALL staff members expected to handle the machine. Please ensure that adequate time is allocated such that training will take place in small groups to minimize staff shortage in the laboratory.				
11.2	Certificate of competence is to be issued to all trainees after completion of training.				
11.3	The successful tenderer needs to ensure the key users are updated on the current or relevant information related to the system used. To provide: • **TWO** (2) packs of off-site professional development in analysis of **drugs in seized materials** for **TWO** (2) key users per pack and • **TWO** (2) packs of off-site professional development in analysis of **drugs in biological specimens** for **<u>TWO</u>** (2) key users per pack. All expenses for attending the benchwork training shall be borne by the vendor; full registration, air ticket, daily allowance, accommodation, transport to and from the airport and place of training.				
12.0	**<u>WARRANTY</u>**				
12.1	A minimum of one (1) year warranty for manufacturer's defect on the hardware, software and all cost of repairs and/or replacements should be included.				

NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS	VENDOR'S OFFER			
		COMPLY (Please tick √) (Provide evidence for compliance(s))		ITEM DESCRIPTIONS AND SPECIFICATIONS	PRICE ($)
		YES	NO		
12.2	After-sales services must be provided for the product after one (1) year				
12.3	One-off preventive maintenance to be carried out just before or soon after the one-year warranty period. Scope of work to follow manufacturer's manual / recommendation specific for the equipment offered, which include: • Supply, delivery and installation of preventive maintenance kits and/or consumables • Software update (to obtain prior authorization from user and BME) • Inspection • cleaning • alignment • calibration • any other related preventive maintenance works required				
13.0	**DELIVERY** Items offered **MUST be delivered within** _____ from date of approval. (Vendor to indicate the delivery period.)				
14.0	**PRICE VALIDITY** Price validity MUST NOT BE LESS THAN twelve (12) months.				
15.0	**SITE PREPARATIONS**				
15.1	It is **MANDATORY** for the tenderer to do site visit prior to tender submission to discuss site requirements. Non-attendance will be considered as non-compliance.				
15.2	Tenderer shall ensure that the site preparation for the placement of the system taking into the consideration on the safety of the end user during the operation of the instrument.				

NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS	VENDOR'S OFFER			
		COMPLY (Please tick √) (Provide evidence for compliance(s))		ITEM DESCRIPTIONS AND SPECIFICATIONS	PRICE ($)
		YES	NO		
15.3	The site preparation needed for the successful installation and operation of the system should include if required, but not limited to: a. Electrical systems including additional electrical supply including wiring, outlets and isolators b. Gas piping system & gas regulators c. Workbench (supply / fabrication & installation for space and weight compatiblity). d. Any other deemed necessary to ensure successful and safe installation and operation of the system should be included.				
15.4	The site preparation details should be listed out in the quotation/document submitted.				
TOTAL PRICE (B$)					

NO.	GENERAL SPECIFICATIONS	VENDOR'S OFFER
A	**Total Price: B$**	
B	**Delivery Period:**	
C	**Model & Brand:**	
D	**Country of Origin:**	(leave blank)
E	**Where marketed:**	
F	**Year of Manufacture:**	
G	**Warranty:**	
H	**Power Requirement:**	
I	**Battery Back-up:**	
J	**International Safety Standard:**	
K	**Technical Support:**	
L	**Equipment Whole Life Support:**	
M	**Dimensions (WxHxD) cm:**	
N	**User Manuals:**	
O	**Service Manuals:**	
P	**Spare-parts & Consumables Listing:**	
Q	**Technical Training On-Site:**	
R	**Site Requirements:**	

*To all participating companies, please fill in the table above along with your other documents during submission of tender.

1. We offer and undertake on your acceptance of our Tender to provide the above mentioned services in accordance with your Invitation To Tender.

2. Our Tender is fully consistent with and does no contradict or derogate from anything in your Invitation To Tender. We have not qualified or changed any of the provisions of your Invitation To Tender.

3. OUR OFFER IS VALID FOR **TWELVE (12)** CALENDAR MONTHS FROM THE TENDER CLOSING DATE.

4. When requested by you, we shall extend the validity of this offer.

5. We further undertake to give you any further information which you may require.

Dated this_____day of_____, _____

_____ Tenderer's official stamp

Signature of authorised officer of Tenderer
Name:
Designation: